

I claim:

1. A composition comprising isolated myoblasts that transgenically express an epithelial cell stimulator or angiogenesis stimulator.
2. The composition of claim 1, wherein the number of myoblasts exceed the number of fibroblast cells by 100 to 1.
3. The composition of claim 1, wherein the epithelial cell stimulator or angiogenesis stimulator is VEGF.
4. The composition of claim 3, wherein the VEGF is selected from the group consisting of VEGF2, VEGF121, VEGF165, or a biologically active fragment thereof.
5. The composition of claim 1, wherein the myoblasts further transgenically express at least a second epithelial cell stimulator or angiogenesis stimulator factor.
6. The composition of claim 5, wherein the second factor is selected from the group consisting of acidic fibroblast growth factor, basic fibroblast growth factor, angiotropin, angiogenin, and VPF.
7. The composition of claim 1, wherein the myoblasts are cotransfected with a gene that encodes an epithelial cell stimulator or angiogenesis stimulator and a second marker gene.
8. The composition of claim 1, comprising at least 1 billion myogenic cells that transgenically express at least one angiogenesis factor.
9. A composition as described in claim 8, wherein the at least one angiogenesis factor comprises VPF.
10. A method for treating congestive heart failure in an individual, comprising

- 1) taking a biopsy of skeletal muscle from the individual to form a culture;
- 2) transforming cells of the culture with at least one foreign gene that encodes an angiogenesis factor;
- 3) forming a culture of cells suitably pure enough for repairing the heart of the individual; and
- 4) introducing cells of the culture into a diseased heart of the individual.

11. The method of claim 10, wherein the culture of step 3 is at least 99% pure myoblasts.

12. The method of claim 10, wherein the at least one foreign gene comprises a VEGF polypeptide.

13. The method of claim 10, wherein the cells are introduced into the diseased heart by injections of at least 100 million cells each.

14. The method of claim 10, wherein at least one billion cells are introduced into the diseased heart.

15. A method for treating congestive heart failure in an individual, comprising
- 1) providing a culture of muscle cells;
 - 2) transforming cells of the culture with at least one foreign gene that encodes an angiogenesis factor;
 - 3) forming a culture of cells suitably pure enough for repairing the heart of the individual; and
 - 4) introducing cells of the culture into a diseased heart of the individual.

16. The method of claim 15, wherein the culture of step 3 is at least 99% pure myoblasts.

16. The method of claim 15, wherein the at least one foreign gene comprises a VEGF polypeptide.

18. The method of claim 15, wherein the cells are introduced into the diseased heart by injections of at least 100 million cells each.

19. The method of claim 15, wherein at least one billion cells are introduced into the diseased heart.

20. The method of claim 15, wherein the individual is treated with cyclosporine prior to step 4.